Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
Data File : BG032674.D
Acq On : 14 Feb 2018 1:05
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/14/2018 10:31:17 AM

Quant Time: Feb 14 03:49:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	37631	20.00	ng		0.02
21) Naphthalene-d8	11.57	136	157978	20.00	ng		0.02
38) Acenaphthene-d10	15.32	164	115542	20.00	ng		0.01
63) Phenanthrene-d10	18.05	188	295534	20.00	ng		0.00
75) Chrysene-d12	22.38	240	364266	20.00	ng		0.00
86) Perylene-d12	26.03	264	388644	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	148960	79.42	ng		0.02
7) Phenol-d6	7.81	99	193917	75.61	ng		0.02
23) Nitrobenzene-d5	9.89	82	200481	80.65	ng		0.01
41) 2,4,6-Tribromophenol	16.80	330	139438	78.38	ng		0.00
44) 2-Fluorobiphenyl	13.95	172	692118	74.91	ng		0.01
78) Terphenyl-d14	20.59	244	1201959	75.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	27670	35.266	ng	#	73
3) Pyridine	4.25	79	71714	35.634	ng		90
4) n-Nitrosodimethylamine	4.16	42	36710	38.820	ng	#	68
6) Aniline	7.99	93	120308	39.690	ng		96
8) 2-Chlorophenol	8.24	128	84622	39.235	ng		85
9) Benzaldehyde	7.79	77	52249	34.472	ng		90
10) Phenol	7.84	94	96924	38.858	ng		89
11) bis(2-Chloroethyl)ether	8.08	93	68383	34.197	ng	#	83
12) 1,3-Dichlorobenzene	8.58	146	112223m	36.893	ng		
13) 1,4-Dichlorobenzene	8.73	146	114600	38.134	ng		95
14) 1,2-Dichlorobenzene	9.06	146	110980	36.614	ng		97
15) Benzyl Alcohol	8.93	79	76731	39.916	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.22	45	75691	35.170	ng		68
17) 2-Methylphenol	9.13	107	65938	37.327	ng		91
18) Hexachloroethane	9.81	117	38981	35.524	ng	#	80
19) n-Nitroso-di-n-propylamine	9.50	70	65641	38.071	ng	#	96
20) 3+4-Methylphenols	9.47	107	102510	38.396	ng		93
22) Acetophenone	9.53	105	137525	40.932	ng	#	92
24) Nitrobenzene	9.93	77	98623	37.894	ng		92
25) Isophorone	10.45	82	181320	38.260	ng	#	85
26) 2-Nitrophenol	10.66	139	55089	39.576	ng	#	86
27) 2,4-Dimethylphenol	10.70	122	73666	40.281	ng		93
28) bis(2-Chloroethoxy)methane	10.93	93	89519	36.951	ng	#	94
29) 2,4-Dichlorophenol	11.20	162	107537	40.176	ng		86
30) 1,2,4-Trichlorobenzene	11.42	180	139499	37.175	ng		98
31) Naphthalene	11.61	128	290165	37.827	ng		97
32) Benzoic acid	10.83	122	10134m	10.667	ng		
33) 4-Chloroaniline	11.72	127	120004	39.427	ng		97
34) Hexachlorobutadiene	11.88	225	112803	36.679	ng		98
35) Caprolactam	12.47	113	30797	40.517	ng	#	46
36) 4-Chloro-3-methylphenol	12.80	107	97483	40.489	ng	#	90
37) 2-Methylnaphthalene	13.18	142	246475	39.613	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.54	216	209402	38.372	ng	#	94
40) Hexachlorocyclopentadiene	13.51	237	119087	34.483	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	106628	39.148	ng		98
43) 2,4,5-Trichlorophenol	13.84	196	128636	37.897	ng	#	92
45) 1,1'-Biphenyl	14.16	154	368131	38.722	ng		96
46) 2-Chloronaphthalene	14.22	162	286805	38.124	ng		99
47) 2-Nitroaniline	14.41	65	65912	40.278	ng	#	85
48) Acenaphthylene	15.05	152	431927	39.025	ng		98
49) Dimethylphthalate	14.75	163	386598	38.708	ng		99
50) 2,6-Dinitrotoluene	14.89	165	83291	40.494	ng	#	74
51) Acenaphthene	15.39	154	274699	36.343	ng		98
52) 3-Nitroaniline	15.22	138	70744	38.948	ng	#	77
53) 2,4-Dinitrophenol	15.43	184	3068	13.830	ng	#	55
54) Dibenzofuran	15.71	168	438352	38.980	ng		98
55) 4-Nitrophenol	15.52	139	40330	33.370	ng	#	74
56) 2,4-Dinitrotoluene	15.66	165	118123	41.679	ng	#	75
57) Fluorene	16.36	166	357834	38.693	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.93	232	121649	38.066	ng	#	84
59) Diethylphthalate	16.10	149	375414	38.631	ng		96
60) 4-Chlorophenyl-phenylether	16.34	204	231457	37.906	ng		93
61) 4-Nitroaniline	16.38	138	75610	40.375	ng	#	76
62) Azobenzene	16.63	77	238626	38.220	ng		84
64) 4,6-Dinitro-2-methylphenol	16.42	198	29942	17.495	ng	#	72
65) n-Nitrosodiphenylamine	16.55	169	325332	37.535	ng		99
66) 4-Bromophenyl-phenylether	17.23	248	161520	38.189	ng		96
67) Hexachlorobenzene	17.35	284	168754	37.149	ng	#	91
68) Atrazine	17.48	200	150532	40.492	ng		95
69) Pentachlorophenol	17.69	266	89284m	32.105	ng		
70) Phenanthrene	18.09	178	598647	37.709	ng		99
71) Anthracene	18.19	178	624220	38.428	ng		99
72) Carbazole	18.45	167	543975	39.277	ng		97
73) Di-n-butylphthalate	18.96	149	612055	39.249	ng		99
74) Fluoranthene	20.06	202	820977	38.736	ng		96
76) Benzidine	20.23	184	336854	39.272	ng	#	95
77) Pyrene	20.42	202	828808	38.245	ng		99
79) Butylbenzylphthalate	21.28	149	282592	39.585	ng	#	78
80) Benzo(a)anthracene	22.36	228	871021	38.191	ng		99
81) 3,3'-Dichlorobenzidine	22.25	252	338514	39.743	ng	#	95
82) Chrysene	22.43	228	856974	38.107	ng		98
83) Bis(2-ethylhexyl)phthalate	22.20	149	401386	38.990	ng	#	97
84) Di-n-octyl phthalate	23.56	149	636907	39.433	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.27	276	1035344	38.863	ng	#	87
87) Benzo(b)fluoranthene	24.86	252	878996	37.951	ng	#	96
88) Benzo(k)fluoranthene	24.94	252	915235	38.182	ng	#	95
89) Benzo(a)pyrene	25.86	252	867587	38.450	ng	#	96
90) Dibenzo(a,h)anthracene	30.34	278	867866	38.635	ng	#	93
91) Benzo(g,h,i)perylene	31.58	276	835445	38.473	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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